

?b wpi

29may97 13:49:22 User022692 Session D6234.1
 Sub account: 01017/10119/SAM
 \$0.00 0.006 Hrs FileHomeBase
 \$0.00 Estimated cost FileHomeBase
 \$0.07 TYMNET
 \$0.07 Estimated cost this search
 \$0.07 Estimated total session cost 0.006 Hrs.

File 351:DERWENT WPI 1963-1997/UD=9721;UA=9718;UM=9714
 (c)1997 Derwent Info Ltd

*File 351: Reloaded & Enhanced. See "HELP NEWS 351" for some FAQs.
 Use UE=9721 instead of UE=9999 in any searches against this update.

| Set | Items | Description |
|----------|----------|----------------|
| ?s pn=jp | 08333394 | |
| S1 | 1 | PN=JP 08333394 |

?t/29/all

1/29/1
 DIALOG(R) File 351:DERWENT WPI
 (c)1997 Derwent Info Ltd. All rts. reserv.

010947936
 WPI Accession No: 96-444886
 XRAM Accession No: C96-140057
 New recombinant rat obese gene - used to develop prods. to study obesity
 and to diagnose obesity and obesity factors
 Patent Assignee: TAKEDA CHEM IND LTD (TAKE)
 Inventor: FUJISAWA Y; NAKAO K; OGAWA Y
 Number of Countries: 018 Number of Patents: 003
 Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Main IPC | Week |
|------------|------|----------|--------------|------|----------|-------------|----------|
| EP--736599 | A2 | 19961009 | 96EP-0105353 | A | 19960403 | C12N-015/12 | 199645 B |
| EP--736599 | A3 | 19961211 | 96EP-0105353 | A | 19960403 | C12N-015/12 | 199707 |
| JP08333394 | A | 19961217 | 96JP-0079916 | A | 19960402 | C07K-014/47 | 199709 |

Priority Applications (No Kind Date): 95JP-0077966 A 19950403
 Cited Patents: 4. journal ref.; EP--725078; WO-9605309
 Patent Details:

| Patent | Kind | Lat | Pg | Filing Notes | Application | Patent |
|---|------|-----|----|--------------|-------------|--------|
| EP--736599 | A2 | E | 26 | | | |
| Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE | | | | | | |
| JP08333394 | A | | 11 | | | |

Abstract (Basic): EP 736599 A
 A new rat obese (ob) gene (I) having a recombinant 501 bp nucleic acid
 (or a 417 bp fragment of it) given in the specification. Also claimed are:
 (1) a 167 and a 135 amino acid protein (sequences given in the
 specification) encoded by the 501 bp nucleic acid and the 417 bp fragment
 respectively; (2) a vector comprising (I); (3) a host cell (pref. E. coli)
 transformed with (I); and (4) an antibody which reacts with a gene prod.
 coding for rat obese cDNA.

USE - The recombinant rat obese gene can be used to produce large amts.
 of the obese gene prod. and to diagnose obesity factors. The obese gene
 product can be used to elucidate obesity mechanisms in rats, to diagnose
 obesity and for screening for receptors. The anti-obese gene product
 antibodies can be used for detection and to diagnose obesity.

Dwg.0/2
 Title Terms: NEW; RECOMBINATION; RAT; OBESITY; GENE; DEVELOP; PRODUCT;
 STUDY; OBESITY; DIAGNOSE; OBESITY; OBESITY; FACTOR